

Amendments to the Claims:

01

1 1. (Currently Amended) A method of creating a graphical human-machine interface,
2 comprising the steps of:
3 (a) providing a computer using a first operating system;
4 (b) providing a handheld portable computing device in communication with the
5 computer, the handheld portable computing device using a second operating
6 system that is less capable than the first operating system;
7 (c) generating on the computer an interactive control software object that
8 provides an interactive graphical human-machine interface when operating on
9 the handheld portable computing device, ~~to allow the interface being adapted~~
10 ~~to control of~~ at least one parameter of a process by use of the handheld
11 portable computing device; and
12 (d) simulating on the computer the operation of the interactive control software
13 object on the handheld portable computing device; and
14 (d)(e) transferring the interactive control software object from the computer to
15 the handheld portable computing device.

1 2. (Canceled)

1 3. (Currently Amended) The method of claim 1 further comprising the steps of:
2 (a)(f) operating the interactive control software object to provide the interactive
3 graphical human-machine interface on the handheld portable computing device;
4 and
5 (b)(g) transmitting process control information between the computer and the
6 handheld portable computing device.

1 4. (Canceled).

1 5. (Currently Amended) The method of claim 1 wherein step (c) comprises generating
2 on the computer the interactive control software object which is processor-

3 independent; and wherein step (c) further comprises providing a run-time engine
4 specific to a selected processor present on the handheld portable computing device.

1 6. (Original) The method of claim 1 wherein the second operating system is Windows
2 CE.

1 7. (Canceled).

01 1 8. (Currently Amended) A computer program recorded on a machine-readable medium,
2 comprising:

3 (a) a module that operates on a computer to allow a user of the computer to
4 generate an interactive control software object that provides an interactive
5 graphical human-machine interface when operating on a handheld portable
6 computing device, ~~the interface being adapted to~~ allow control of at least one
7 parameter of a process by use of the handheld portable computing device, the
8 computer using a first operating system and the handheld portable computing
9 device using a second operating system having less capability than the first
10 operating system;

11 (b) a module that operates on the computer to simulate the operation of the
12 interactive control software object on the handheld portable computing
13 device; and

14 (c) a module that operates on the computer to transfer the interactive control
15 software object from the computer to the handheld portable computing
16 device.

1 9. (Currently Amended) The computer program of claim 8, further comprising:
2 a module that operates on the computer to transfer, between the computer and the
3 handheld portable computing device, information related to the operation of the ~~human~~
4 machine interface process.

1 10. (Canceled).

- 01
- 1 11. (Currently Amended) The computer program of claim 8 wherein the interactive
2 control software object comprises a processor-independent interactive graphical
3 human-machine interface object and a run-time engine specific to a selected
4 processor.
- 1 12. (Original) The computer program of claim 8 wherein the second operating system is
2 Windows CE.
- 1 13. (Canceled).
- 1 14. (Currently Amended) A method of controlling a process, comprising the steps of:
2 (a) providing a computer using a first operating system;
3 (b) providing a handheld portable computing device in communication with the
4 computer, the handheld portable computing device using a second operating
5 system that is less capable than the first operating system;
6 (c) providing an interactive control software object that provides an interactive
7 graphical human-machine interface when operating on the handheld portable
8 computing device, the software object generated on the computer;
9 (d) operating the interactive control software object on the handheld portable
10 computing device to provide the interactive graphical human-machine interface on
11 the handheld portable computing device; and
12 (e) exchanging information between the computer and the handheld portable
13 computing device, so as to control at least one parameter of ~~at~~ the process by use of
14 the interactive human-machine interface provided by operation of the object on
15 the handheld portable computing device.
- 1 15. (Currently Amended) The method of claim 14 wherein step (d) comprises operating
2 the interactive control software object on the handheld portable computing device to
3 display both graphical information and alphanumeric information.
- 1 16. (Original) The method of claim 14 wherein the second operating system is Windows
2 CE.

Q | 1 17. (Canceled).

THIS PAGE BLANK (USPTO)